

ANNUAL INDEX

AUTHORS

Abell, Sandra K., 205
Abraham, Albert S., 114
Abrams, Nancy Ellen, 158
Acharya, Tara, 20
Adler, David A., 265
Aikenhead, Glen S., 107
Allman, Toney, 89
Anderson, Jill, 40, 229
Anderson, Maxine, 63
Anderson, Rodney P., 255
Arnold, Caroline, 179
Arnold, Katya, 40
Arnold, Caroline, 179
Ash, Avner, 212
Asimov, Isaac, 165
Aston, Dianna, 180
Attenborough, David, 170
Baldwin, Carol, 120
Ball, Johnny, 36
Ballard, Carol, 87
Bang, Molly, 124
Baran, Myriam, 218
Baskin, Yvonne, 31
Batiza, Ann Finney, 124
Beatty, Richard, 120
Bellomo, Michael, 208
Beltz, Ellin, 68
Berube, David M., 113
Bjorklund, Ruth, 127
Bliss, Michael, 60
Blumberg, Mark S., 107
Bodenis, David, 19
Bonar, Daniel D., 157
Borda, Cynthia, 263
Boring, Mel, 33
Bowers, Vivien, 257
Bradley, Kimberly Brubaker, 79
Bredeson, Carmen, 180
Brockman, John (Ed.), 213
Brown, David J., 113
Brown, Stephen (Ed.), 261
Bryan, T. Scott, 66
Bryant, Margaret A., 252
Buchmann, Stephen, 218
Bulliet, Richard W., 55
Burger, William C., 217
Burgess, Neil, 203
Burns, William E., 63
Byrnne, Faith Hickman, 172
Calhoun, Yael, 24, 30
Campbell, Janis, 78
Carlowicz, Michael, 257
Carlson, W. Bernard, 73
Carson, Mary Kay, 64
Castaldo, Nancy F., 130
Cavanaugh, Terence W., 25
Chaisson, Eric, 118
Chaitin, Gregory, 109
Chapelle, Francis H., 114
Charles, Daniel, 27
Cavanaugh, Cath, 25
Chien, Philip, 162
Chiu, Lisa Seachrist, 167
Christianson, Gale E., 65
Churchman, Suzanne L., 223
Claybourne, Anna, 134
Clegg, Brian, 213
Clements, Andrew, 265
Cobb, Matthew, 210

Cobb, Vicki, 34, 42
Coenraads, Robert R., 121
Cohen, Gene D., 106
Cohen, I.B., 257
Collard, Sneed B. III, 215, 229
Collison, Cathy, 78
Colson, Mary, 37
Corburn, Jason, 57
Crelinsten, Jeffrey, 258
Croswell, Ken, 224
Cullen, Katherine, 116, 121, 122, 124
Cunnane, Stephen C., 22
Cuoco, Al, 19
Dahl, Michael, 40
Darling, David, 258
Daubert, Stephen, 116
Dawson, Ian, 172
De Porti, Andrea, 74
De Villiers, Marq, 110
Del La Bedoyere, Camilla, 69
Dendy, Leslie, 33
Diamond, Judy, Ed., 167
Dickerson, James L., 173
Dinerstein, Eric, 262
Dinwiddie, Robert, 27
Doherty, Peter, 255
Dormandy, Thomas, 263
Douglas, Rowena, (Ed.), 252
Dugan, Patrick, 67
Dunne, Pete, 160
Ehrlich, Fred, 84
Eisner, Thomas, 60
Emanuel, Kerry, 29
Erwin, Douglas H., 111
Evans-Martin, Fay, 33
Feist, Gregory J., 156
Feldhake, Glenn, 69
Feynman, Richard P., 20
Fine, Cordelia, 155
Finkelstein, Adrian, 206
Fleisher, Paul, 68
Forbes, Peter, 108
Franke, Mary Ann, 56
Friederici, Peter, 250
Friedhoffer, Bob, 223
Frisch, Aaron, 119
Frohne, Dietrich, 21
Fullick, Ann, 124, 127
Ganeri, Anita, 228, 229
Gardner, Robert, 68, 178
Gerhart, John C., 59
Gibson, J. Phil, 217
Gifford, Clive, 122
Gilpin, Daniel, 32, 180
Glimm, Adele, 71
Glover, David, 231
Godwin, Robert, 72, 212
Goldsmith, Connie, 115
Goodall, Jane, 73
Goodman, Susan E., 129
Goodwin, Susan Williams, 157
Gore, Bryson, 79, 132
Gosnell, Mariana, 260
Gow, Mary, 26
Grafen, Alan, 156
Grambo, Rebecca L., 69
Grant, John, 266
Gratzer, Walter, 25
Gray, Leon, 120
Green Jen, 87, 88
Gross, Robert, 212
Grossman, Elizabeth, 204
Grosvenor, Mary B., 34
Grunwald, Michael, 175
Guiberson, Brenda Z., 41
Guimaraes, Alberto P., 28
Gunter, Veronika Alice, 29
Hakim, Joy, 18
Hall, David, 41
Hammond, Richard, 258
Hansen, James R., 73
Hansen, Laurel D., 21
Hansen, Thor, 254
Harberd, Nicholas, 160
Harper, Kristine C., 24
Harris, Judith Rich, 202
Harrison, David L., 131, 260
Hart-Davis, Adam, 63
Haven, Kendall, 178
Hawking Stephen, 58, 59
Hawkins, Lawrence E., 125
Healy, Nick, 66
Heller, Janet Ruth, 224
Henshaw, John M., 117
Herzig, Rebecca M., 108
Hewitt, Sally, 79, 84
Hickman, Pamela, 85
Hicks, Terry Allen, 127, 134
Higgs, Robert, (Ed.) 18
Hill, Steele, 257
Hilliard, Richard, 42
Hirschi, Ron, 85
Hirschmann, Kristine, 24
Hirschfeld, Alan, 259
Hoffman, Sara, 37
Hoffmann, Gretchen, 127
Holland, Mary, 181
Hopkins, William G., 215
Horsman, Paul, 125
Hudmon, Andy, 71
Hutchinson, Stephen, 125
Hyman, Bruce H., 72
Ingram, W. Scott, 24
Jackson, Ellen, 224
Jackson, John P., 106
Jackson, Kay, 81
Jackson, Tom, 121
Jacquet, Luc, 229
Jango-Cohen, Judith, 38
Jenkins, Steve, 227
Jennings, Terry, 62, 123
Johnson, Bruce E., 250
Johnson, Dolores, 163
Johnson, Jinny, 29
Jones, Michael, 119
Jones, Tom, 162
Kagan, Jerome, 203
Kakalios, James, 214
Kalodner, Cynthia R., 128
Kandel, Eric R., 256
Kaner, Etta, 178
Kanipe, Jeff, 65
Kaplan, Eugene H., 254
Karwoski, Gail Langer, 18¹
Kaufman, Kenn, 218
Keelley, Page, 108
Kelsey, Elin, 168
Khoury, Michael J., 157
Kidd, J.S., 115
Kirkland, Jane, 228
Kirschner, Marc W., 59

ANNUAL INDEX

- Klosterman, Lorrie, 127
Klotz, John H., 21
Koellhoffer, Tara (Ed.), 164
Kolbert, Elizabeth, 209
Kops, Deborah, 218
Kornprobst, Jacques, 166
Kras, Sara Louise, 41
Kricher, John, 159
Krull, Kathleen, 63
Kudlinski, Kathleen V., 131
Kuhn, Betsy, 264
Lambert, David, 85
Landau, Elaine, 72
Laverne, Christine, 166
Leacock, Elspeth, 24
Leedy, Loreen, 266
Lemov, Rebecca, 55
Lennick, Michael, 222
Lepora, Nathan, 121
Levy, David H., 118
Lewis, J. Patrick, 79
Lightman, Alan, 26, 57
Liguori, Jerry, 60
Linden, Eugene, 159
Lindop, Laurie, 29, 80
Livingston, Eliza Wood, 57
Lockwood, Sophie, 266
Lord, M.G., 128
Louv, Barbara, 209
Love, Donna, 181
Love, Susan M., 112
Low, Yvonne, 64, 212
Lowman, Margaret D., 216
MacInnis, Peter, 61
Macken, JoAnne Early, 81
Mackill, Mary, 88
Maddox, Dianne, 34
Mann, Charles C., 23
Markle, Sandra, 35
Marshall, Gordon, 55
Marshall, Stephen A., 160
Mason, Adrienne, 79, 182
Mather, Richard J. (Ed.), 58
Mathews, Bill, 20
Mayer, Cassie, 228
McClafferty, Carla Killough, 214
McElroy, Tucker, 26
McKnight, Diane, 267
Mercer, Ian, 74
Mermin, N. David, 65
Michels, Dia L., 86
Michels, Dia L., 210
Miller, Michaela, 87
Mitchell, Don, 222
Moffett, Shannon, 112
Montague-Smith, Ann, 77, 130
Montgomery, Sy, 155
Morgan, Michael, 71
Morgan, Sally, 125, 126
Morris, Neil, 123
Morrison, Gordon, 35
Murphy, Stuart J., 36
Myers, Jack, 72
Myers, Rusty L., 166
Nahin, Paul J., 205
Nicholls, Henry, 155
Norton, Trevor, 168
Nowak, Ronald M., 111
Nunn, Laura Silverstein, 128,
174, 221
O'Brien, Michael, 262
Offit, Paul A., 61
Olson, Nathan, 231
Orkin, J.R., 156
O'Shea, Mark, 69
Owens, Mark and Delia, 219
Oxlade, Chris, 37
Packard, Mary, 117
Parker, Steve, 32, 66, 180, 269, 270
Parks, Deborah, 126
Pasachoff, Naomi, 119
Pascoe, Elaine, 132
Pedrick, Cherry, 72
Perlo, Ber Van, 262
Pesic, Peter, 120
Petroski, Henry, 174
Pfander, Hans Jurgen, 21
Phillips, Dee, 133 86
Picton, Harold, 70
Pilger, Mary Anne, 76
Pisano, Dominick A., 174
Pollock, Steve, 39
Price, Geoff, 220
Primack, Joel R., 158
Pyle, Rod, 59
Quinn, Stephen Christopher, 169
Rabkin, Eric S., 27
Rao, Goutham, 160
Rathmell, Donna and Doreen, 268
Raum, Elizabeth, 128
Raven, Margot Theis, 133
Raymo, Chet, 109
Rea, Ba, 181
Read, Marie, 32
Reid, Greg, 81
Reilly, Philip R., 170
Revkin, Andrew C., 176
Reynolds, Ross, 67
Rhatigan, Joe, 29
Rhodes, Mary Jo, 41
Rhoton, Jack, (Ed.), 253
Richards, Dana (Ed.), 26
Richards, Douglas E., 89
Ridley, Mark, 156
Ring, Elisabeth, 30
Robbins, Ken, 39
Roberts, Siobhan, 253
Robertson, William C. (Ed.), 205
Robinson, Andrew, 28
Rockliff, Mara, 177
Rodriguez, Ana Maria, 221 263
Romanek, Trudee, 173
Rosner, Marc Alan, 64
Roy, Jennifer Rozines and
Gregory, 77
Royston, Angela, 88, 89
Ruddiman, William F., 18
Ruurs, Margriet, 74
Rybolt, Thomas R., 31
Ryder, Joanne, 182
Saab, Carl Y., 71
Safina, Carl, 206
Sargent, Ted, 220
Schaechter, Moselio, 111
Schlaepfer, Gloria G., 133
Schomp, Virginia, 131
Schonberg, Marcia, 87
Schorer, Lonnie Jones, 264
Schuerger, Andrew, 266
Schulz, Florian, 208
Scott, John, 55
Sefusatti, Emiliano, 110
Seife, Charles, 66
Sheehan, Kathy B., 31
Sherman, Irwin W., 161
Sherman, Paul W., 33
Sill, Cathryn, 182
Silverstein, Alvin 128, 174, 221
Silverstein, Virginia, 128, 174, 221
Simon, Seymour, 135
Simpson, John Warfield, 25
Singer, Marilyn, 171
Skelton, Renee, 67
Slesnick, Irwin, 254
Sloan, Christopher, 167
Smolin, Lori A., 34
Sobey, Ed, 175
Sonner, Gerhard, 110
Souza, D.M., 267
Souza, D.M., 38
Spears, Priscilla, 217
Spilsbury, Louise and Richard,
39, 76, 82, 268
Sprott, Julien Clinton, 158
St. George, Judith, 89
Stanberry, Lawrence R., 207
Staubach, Suzanne, 61
Stebbins, Michael, 157
Steele, Philip, 117 177
Steffoff, Rebecca, 82, 171, 172
Steinberg, Ted, 162
Stephens, Nicholas, 261
Stewart, Ian, 165
Stewart, Melissa, 183
Stille, Darlene R., 28, 160, 170, 216
Stone, Lynn M., 42
Storad, Conrad J., 226
Straus, Eugene W., 161
Stutz, Bruce, 106
Suen, Anastasia, 133
Sussman, Art, 164
Swanson, Diane, 80
Sweet, William, 250
Swinburne, Stephen R., 230
Taschek, Karen, 213
Tatham, Betty, 86
Telford, Carole, 230
Theodorou, Rod, 230, 265
Thieme, Michele L., 203
Tiner, Ralph W., 59
Tocci, Salvatore, 211, 223
Tulloch, Coral, 176
Twist, Clint, 70
Ufer, David A., 270
Valenstein, Elliot S., 23
Vamplew, Anton, 165
Vornberger, Cal, 21
Wagner, E.J., 251
Waldbauer, Gilbert, 220
Walker, Jearl, 260
Walker, Pam, 126
Walker, Sally M., 80, 227
Wallace, Karen, 81
Walser, Hans, 253
Walsh, Kieran, 78
Walters, Mark Jerome, 255
Watts, Claire, 37
Weber, Sandra, 64
Weidman, Nadine M., 106
Weiner, David L., 17
Wexler, Bruce E., 256
Wheeler, Lisa, 179
Whitfield, Stephen, 166

ANNUAL INDEX

Whitley, Peggy J., 157
Whyman, Kathryn, 74
Willis, Nancy Carol, 230
Winner, Cherie, 38
Włodarski, Loran, 183
Wolfe, Jeremy M., et. al., 112
Wolman, David, 62
Wood, Elaine, 126
Woodford, Chris, 78
Woodward, Chris, 71
Worth, Richard, 24
Yager, Robert E., (Ed.), 109
Zabludoff, Marc, 83
Zeifert, Harriet, 134
Zelter, Paul M., 113

BOOKS

100 Science Words Every College Graduate Should Know, 210
101 Questions about Sleep and Dreams, 172
101 Things Everyone Should Know about Science, 210
1491: New Revelations of the Americas Before Columbus, 23
99 Jumpstarts for Kids' Science Research, 157
99 Points of Intersection: Examples, Pictures, and Proofs, 253
A to Z of Mathematicians, 26
About Marsupials: A Guide for Children, 182
Acids and Bases, 120
Adaptation and Competition, 124
Adding and Subtracting, Book 1, 130
Adding and Subtracting, Book 2, 130
Addition in the Forest, 77
Adventures in Paleontology: 36 Classroom Fossil Activities, 254
African Elephants Up Close, 180
Air Pollution: Problems and Solutions, 115
Air Quality, 24
Albert Einstein, 119
Algebra Solutions Book, 64
Allergies, 134
Alzheimer's Disease and Memory Drugs, 263
Alzheimer's Disease: A Forgotten Life, 72
Amazing Animals of the World 2, Volumes 1 - 10, 127
Amazing Leonardo da Vinci Inventions You Can Build Yourself, 63
American Green: The Obsessive Quest for the Perfect Lawn, 162
Angelfish, Megamouth Sharks, and Other Fish, 32
Animal Cells: The Smallest Living Units of Life, 216
Animal Giants! What Kids Really Want to Know about Giant Animals, 41
Animal Kingdom: Ants to Whales, 84
Animal Math, 78
Animals Hibernating: How Animals Survive Extreme Conditions, 85
Ant Lions, Wasps, and Other Insects, 32
Antarctica: The Heart of the World, 176

Anxiety Disorders, 72
Apollo 11: First Men on the Moon, 72
Archimedes: Mathematical Genius of the Ancient World, 26
Arctic Wings: Birds of the Arctic National Wildlife Refuge, 261
Area, 78
An Argument for Mind, 203
Asian Elephant, 268
The Asthma Update, 221
Astro Turf: The Private Life of Rocket Science, 128
Astronomy in Ancient Times, 165
Astronomy Projects, 165
Astronomy Today, 165
Astronomy: Every Galaxy Has a Black Hole, 79
Atmosphere and Weather, 123
Awesome Ospreys: Fishing Birds of the World, 181
A Baboon Grows Up, 133
Baby Sea Otter, 86
Basic Instinct: The Genesis of Behavior, 107
The Basics of Physics, 166
Bats, Blues Whales, and Other Mammals, 32
Beaches, 81
The Beginner's Guide to Winning the Nobel Prize: A Life in Science, 255
Beginner's World Atlas, 135
Bengal Tiger, 268
Beyond Calculus: Innovative Approaches to Undergraduate Mathematics Courses, 58
Bioinformatics, Genomics, and Proteomics: Getting the Big Picture, 124
Biology: Spider Silk Is Stronger than Steel, 132
Biology: The People Behind the Science, 124
Birds of Central Park, 21
Birds of Mexico and Central America, 262
Black Rhino, 268
Blood and Heart, 88
Body Systems and Health, 127
Boron, 120
Boy, Were We Wrong about Dinosaurs!, 131
Brain and Culture: Neurobiology, Ideology, and Social Change, 256
The Brain and Nervous System, 87
Brain Tumors: Finding the Ark—Meeting the Challenges of Treatment Choices, Side Effects, Children's Issues, Healthcare Costs, and Long Term Survival, 113
Break It Down: The Digestive System, 269
Bridges: Three Thousand Years of Defying Nature, 113
A Briefer History of Time, 59
Bringing Math Home: A Parent's Guide to Elementary School Math, 223
Buffalo: Natural History and Conservation, 70
Bugs and Spiders, 86
Butterflies of the World, 218
Butterflies, 133
Buzz Aldrin, 128
Can You Feel the Force?, 258
Carnivorous Plants, 132
Carpenter Ants of the United States and Canada, 21
Categories on the Beauty of Physics: Essential Physics Concepts and Their Companion in Art and Literature, 110
Cave Sleuths, 80
Cells and Cell Function, 125
Cells and Reproduction, 88
Centipedes, Millipedes, Scorpions, and Spiders, 32
Ceratosaurus and Other Horned Meat-Eaters, 131
Challenger: America's Favorite Eagle, 133
Chameleons, 266
Changing Climates, 62
Chasing Hubble's Shadows: The Search for Galaxies at the Edge of Time, 65
Chasing Spring: An American Journey Through Changing Seasons, 106
Chemical Change: From Fireworks to Rust, 28
Chemical Reactions, 120
The Chernobyl Nuclear Disaster, 24
Child Obesity: A Parent's Guide to a Fit, Trim, and Happy Child, 160
Choose a Career in Science, 209
Chromium, 121
Chuck Yeager and the Bell X-1: Breaking the Sound Barrier, 174
Clay: The History and Evolution of Humankind's Relationship with Earth's Most Primal Element, 61
The Coast, 126
Cobras, 266
Cold, Colder, Coldest: Animals That Adapt to Cold Weather, 40
The Colossal Book of Short Puzzles and Problems, 26
Columbia: Final Voyage--the Last Flight of NASA's First Space Shuttle, 162
The Common Cold, 127
Computers and Technology, 220
The Continental Shelf, 126
Control Freak: Hormones, the Brain, and the Nervous System, 269
Cool Chemistry Concoctions: 50 Formulas That Fizz, Foam, Splatter and Ooze, 29
Cool Stuff and How It Works, 71
The Coral Reef, 126
Coral Reefs, 81
Crime Scene: How Investigators Use Science to Track Down the Bad Guys, 257
Crocodiles, 266
Crumbling Earth: Erosion and Landslides, 37
The Cutter Incident: How America's First Polio Vaccine Led to the Growing Vaccine Crisis, 61
Dam! Water, Power, Politics, and Preservation in Hatchet Hatchet and Yosemite National Park, 25
The Dance of the Molecules: How Nanotechnology Is Changing Our Lives, 220
Dazzling Science Projects with Light and Color, 178
Death Stars, Weird Galaxies, and a Quasar-Spangled Universe, 213

ANNUAL INDEX

- Decoding the Universe, 66
 Deep Sky Objects: The Best and Brightest from Four Decades of Comet Chasing, 118
 Deep Space, 166
 Deep, Deeper, Deepest: Animals That go to Great Depths, 40
 Defend Yourself: The Immune System, 269
 Desert Tortoises, 266
 Destination Moon: The Apollo Missions in the Astronauts' Own Words, 59
 The Diabetes Debate, 221
 Dino Wars, 29
 The Discoveries: Great Breakthroughs in 20th Century Science, Including the Original Papers, 57
 The Discoveries: Great Breakthroughs in 20th Century Science, 26
 Divine Wind: The History and Science of Hurricanes, 29
 DNA: The Master Molecule of Life, 169
 Does Measurement Measure Up? How Numbers Conceal the Truth, 117
 Down a River, 265
 Dr. Art's Guide to Science: Connecting Atoms, Galaxies, and Everything in Between, 164
 Dr. Euler's Fabulous Formula: Cures Many Mathematical Ills, 205
 Dr. Susan Love's Breast Book, 4th Edition, 112
 Drylands, 30
 Dwarf Geckos, Rattlesnakes and Other Reptiles, 32
 $E=mc^2$: A Biography of the World's Most Famous Equation, 19
 Earth Erupts: Volcanoes, 37
 Earth Science, 215
 Earth Science: The People Behind the Science, 121
 Earth's Crust, 226
 Eating Disorders, 127
 Ecology, 39
 Edward Jenner: Conqueror of Smallpox, 221
 An Egg Is Quiet, 180
 Eileen Collins, 128
 Einstein and Culture, 110
 Einstein: A Hundred Years of Relativity, 28
 Einstein's Jury: The Race to Test Relativity, 258
 The Electric Life of Michael Faraday, 259
 Electricity and Magnetism, 66
 An Elephant Grows Up, 133
 Elephants Can Paint, Too!, 40
 Elephants, 229
 The Environment, 164
 Environmental Science Fair Projects Using Water, Feathers, Sunlight, Balloons, and More, 31
 Epic of Evolution: Seven Ages of the Cosmos, 118
 Ernest Rutherford: Father of Nuclear Biology, 119
 Evolution, 68
 Exemplary Science in Grades 5-8: Standards-Based Success Stories, 109
 Explorers: The Most Exciting Voyages of Discovery--From the African Expeditions to the Lunar Landing, 74
 Exploring Animal Behavior: Readings from American Scientist, Fourth Edition, 33
 Exploring Outer Space, 165
 Exploring the Solar System: A History with 22 Activities, 64
 Extinction: How Life on Earth Nearly Ended 250 Million Years Ago, 111
 The Exxon Valdez Oil Spill, 24
 Fast, Faster, Fastest: Animals That Move at Great Speed, 40
 Fearless Symmetry: Exposing the Hidden Pattern of Numbers, 212
 Feathers, 228
 Feeding Relationships, 124
 The Feynman Lectures on Physics, The Definitive and Extended Edition, 20
 Field Notes from a Catastrophe: Man, Nature, and Climate Change, 209
 Firefly Guide to Weather, 67
 Firefly Guide to Wetlands, 67
 Fireworks, 34
 First Man: The Life of Neil A. Armstrong, 73
 Florida Manatee, 268
 The Flowering Plant Division, 82
 Flowers: How They Changed the World, 217
 The Flying Circus of Physics, 2nd Edition, 260
 Food-Borne Illnesses, 127
 Forces Make Things Move, 79
 Forecast Earth: The Story of Climate Scientist Inez Fung, 67
 Fossils, 227
 Freshwater Ecoregions of Africa and Madagascar: A Conservation Assessment, 203
 Frogs: Inside Their Remarkable World, 68
 From Bean to Bean Plant, 228
 From Caterpillar to Butterfly, 229
 From Egg to Chicken, 229
 From Egg to Spider, 229
 From Lodestone to Supermagnets: Understanding Magnetic Phenomena, 28
 From Penguin Wings to Boat Flippers, 89
 From Seed to Apple, 228
 From Seed to Sunflower, 228
 Fur, 228
 The Future--Bleak or Bright: Earth's Resources, 76
 G Is for Galaxy: An Out of This World Alphabet, 78
 Galápagos: A Natural History, 159
 Galileo: The Genius Who Faced the Inquisition, 117
 Galileo's Universe, 79
 The Gecko's Foot: Bio-Inspiration--Engineering New Materials from Nature, 108
 Gene Hunter: The Story of Neuropsychologist Nancy Wexler, 71
 Generation: The Seventeenth-Century Scientists Who Unraveled the Secrets of Sex, Life, and Growth, 210
 Genetics and Evolution Science Fair Projects Using Skeletons, Cereal, Earthworms, and More, 68
 Genetics: A Living Blueprint, 169
 George Washington Carver: Ingenious Inventor, 231
 Geysers: What They Are and How They Work, 66
 Giant Panda, 268
 Gila Monsters, 266
 The Giraffe Who Was Afraid of Heights, 270
 Giraffes, 40
 Glaciers: Nature's Icy Caps, 260
 Global Space Programs, 165
 Global Warming in the 21st Century, Volume 1: Our Evolving Climate Crisis, 250
 Go Figure! A Totally Cool Book about Numbers, 36
 God Created the Integers: The Mathematical Breakthroughs That Changed History, 58
 The God Effect: Quantum Entanglement, Science's Strangest Phenomenon, 213
 Gold and Silver, 123
 The Good Good Pig: The Extraordinary Life of Christopher Hogwood, 155
 Gravity's Arc: The Story of Gravity, from Aristotle to Einstein and Beyond, 258
 Greek and Roman Medicine, 172
 Green Plants, 126
 Guinea Pig Scientists: Bold Self-Experimenters in Science and Medicine, 33
 Hamster Champs, 36
 Harvest for Hope: A Guide to Mindful Eating, 73
 Harvey Cushing: A Life in Surgery, 60
 Hawks from Every Angle: How to Identify Raptors in Flight, 60
 Hearing, 88
 The Heart and Circulation, 87
 Heart Disease, 128
 High Tech Trash: Digital Devices, Hidden Toxins, and Human Health, 204
 High, Higher, Highest: Animals That go to Great Heights, 40
 A Hippopotamus Grows Up, 133
 Hippos: Natural History and Conservation, 69
 Holiday Fractions, 77
 Horses, 135
 Hot, Hotter, Hottest: Animals That Adapt to Great Heat, 40
 How Dinosaurs Took Flight: Fossils, Science, What We Think We Know, and Mysteries Yet Unsolved, 167
 How Do Plants Grow?, 39
 How the Moon Regained Her Shape, 224
 The Human Genome Sourcebook, 20
 Human Impacts, 81
 The Humpback Whale: Help Save This Endangered Species, 218
 Hunters, Herders, and Hamburgers: The Past and Future of Human-Animal Relationships, 55
 Hurricane Andrew, 24
 I Am an Ankylosaurus, 81
 I Is for Idea: An Inventions Alphabet, 87
 Ice: The Nature, History, and the Uses of an Astonishing Substance, 260
 If a Dolphin Were a Fish, 183
 If My Mom Were a Platypus: Mammal Babies and Their Mothers, 86
 Iguanas, 266
 Iguanodon and Other Spiky-Thumbed Plant-Eaters, 131

ANNUAL INDEX

- In Search of Memory: The Emergence of a New Science of Mind, 256
- In Search of Swampland: A Wetland Sourcebook and Field Guide, 59
- In the Rain Forest, 215
- In the Wild, 229
- In Your Genes: Genetics and Reproduction, 269
- Inheritance and Selection, 124
- The Insect Class, 83
- Insects: Their Natural History and Diversity, 160
- Invisible Invaders: Dangerous Infectious Diseases, 115
- Isaac Newton, 65
- It's a Jungle Up There: More Tales from the Treetops, 216
- It's About Time: Understanding Einstein's Relativity, 65
- Jack Jacobs and the Doomsday Time Machine, 114
- John Glenn, 128
- Kicking the Carbon Habit: Global Warming and the Case for Renewable and Nuclear Energy, 250
- Kids to Space: A Space Traveler's Guide, 264
- A Killer Whale's World, 179
- King of Infinite Space: Donald Coxeter, the Man Who Saved Geometry, 253
- Kingbird Highway: The Biggest Year in the Life of an Extreme Birder, 218
- The Kuwaiti Oil Fires, 24
- Kyoodoo Geometry Solutions Book, 212
- Lakes, 81
- Launch Vehicles: Heritage of the Space Race, 222
- Leaping Lizards, 36
- Learning about Spring with Children's Literature, 252
- Learning about Winter with Children's Literature, 252
- Learning and Memory, 71
- A Left-Hand Turn Around the World: Chasing the Mystery and Meaning of All Things Southpaw, 62
- Leonardo da Vinci, 63
- Letters from the Hive: An Intimate History of Bees, Honey, and Humankind, 218
- Letters to a Young Mathematician, 165
- Leukemia, 127
- Levers, 231
- Life in a Freshwater Lake, 81
- Life in a Kelp Forest, 41
- Life in the Undergrowth, 170
- Life on the Ice, 129
- Life-Size Dragons, 266
- Liftoff: A Photobiography of John Glenn, 222
- Linking Science and Literacy in the K-8 Classroom, 252
- A Lion Grows Up, 133
- Lions, 171, 229
- The Little Book of Dinosaurs, 38
- The Little Book of Space, 37
- Living Mountains: How and Why Volcanoes Erupt, 166
- Living with Colon Cancer: Beating the Odds, 57
- Lobsters, Crabs and Other Crustaceans, 180
- Logical Universe: A Layman's Reality, 119
- Lonesome George: The Life and Loves of a Conservation Icon, 155
- Look What Whiskers Can Do, 267
- The Lost Seal, 267
- The Lung and Breathing, 87
- Mae Jemison, 128
- Magnetism, 80
- Mammals, 133
- Mammoths on the Move, 179
- Manipulating Light: Reflection, Refraction, and Absorption, 28
- March of the Penguins, 229
- Marie Curie, 66
- Marie Curie: The Woman Who Changed the Course of Science, 177
- Marilyn Monroe Returns: The Healing of a Soul, 206
- Mars, 212
- Mars: A Tour of the Human Imagination, 27
- Mastermind: The Rise and Fall of Fritz Haber, the Nobel Laureate Who Launched the Age of Chemical Warfare, 27
- Math, 205
- Mathematical Connections: A Companion for Teachers and Others, 19
- The Mature Mind: The Positive Power of the Aging Brain, 106
- Medical Marvels: The 100 Greatest Advances in Medicine, 161
- Medicine in the Middle Ages, 172
- Messages from Mars, 266
- Metals and the Environment, 74
- Metals, 120
- Metamath! The Quest for Omega, 109
- Microbe, 111
- The Midbrain, 71
- Milkweed Visitors, 181
- A Million Dots, 265
- A Mind of Its Own: How Your Brain Distorts and Deceives, 155
- Mixtures, Compounds, and Solutions, 120
- Monarch! Come Play with Me, 181
- Mononucleosis, 127
- The Mount St. Helens Volcanic Eruption, 24
- Mountain Gorilla, 268
- Mountains: The Tops of the World, 131
- Move It! Motion, Forces and You, 79
- Move Your Body: Bones and Muscles, 269
- Mud City: A Flamingo Story, 41
- Mummies, 35
- My Einstein: Essays by Twenty-four of the World's Leading Thinkers on the Man, His Work, and His Legacy, 213
- My Librarian Is a Camel: How Books Are Brought to Children Around the World, 74
- Mythbusters: Don't Try This at Home, 117
- Nano-Hype: The Truth Behind the Nanotechnology Buzz, 113
- Nanotechnology, 34
- Nature in the Neighborhood, 35
- Nature's Machines: The Story of Biomechanist Mimi Koehl, 126
- Nature's Restoration: People and Places on the Front Lines of Conservation, 250
- Neil Armstrong, 128
- Neil, Buzz, and Mike go to the Moon, 42
- Nematodes, Leeches and Other Worms, 180
- The Nervous System, 33
- The New Book of Popular Science, Volumes 1-6, 209
- New Genetics: The Study of Lifelines, 215
- No One Loved Gorillas More: Dian Fossey's Letters from the Mist, 69
- No Two Alike: Human Nature and Human Individuality, 202
- Nobody Particular: One Woman's Fight to Save the Bay, 124
- Nonmetals, 120
- The North Pole Was Here: Puzzles and Perils at the Top of the World, 176
- Numbers on the Street, 77
- Nutrition for Sports and Exercise, 34
- Ocean Floor, 81
- Oceans: A Visual Guide, 125
- Octavia and Her Purple Ink Cloud, 268
- Octopuses and Squids, 41
- Oil and Gas, 123
- Oils and the Environment, 74
- Old, Older, Oldest: Animals That Live Long Lives, 40
- On Top of Mount Everest and Other Explorations of Science in Action, 72
- Onward: A Photobiography of African-American Polar Explorer Matthew Henson, 163
- The Open Ocean, 126
- Ornithomimus and Other Speedy "Ostrich Dinosaurs", 131
- Out of the Blue: A Journey Through the World's Oceans, 125
- Outbreak: Cases in Real-World Microbiology, 255
- Oxford Dictionary of Sociology, 55
- A Pair of Polar Bears: Twin Cubs Find a Home at the San Diego Zoo, 182
- A Panda's World, 179
- Partners in the Sea, 41
- Peacocks, Penguins, and Other Birds, 32
- Penguins, 172
- People and the Sea, 126
- Pete Dunne's Essential Field Guide Companion: A Comprehensive Resource for Identifying North American Birds, 160
- Photosynthesis and Respiration, 215
- Physical Change: Reshaping Matter, 28
- Physics Demonstrations: A Sourcebook for Teachers of Physics, 158
- The Physics of Superheroes, 214
- Pieces of Another World, 177
- A Place for Butterflies, 183
- Plant and Animal Science Fair Projects Using Beetles, Weeds, Seeds, and More, 30
- Plant Cells and Tissues, 261
- Plant Cells: The Building Blocks of Plants, 170
- Plant Ecology, 217
- Plateosaurus and Other Early Long-Necked Plant-Eaters, 131
- The Plausibility of Life: Resolving Darwin's Dilemma, 59
- Plows, Plagues and Petroleum: How Humans Took Control of Climate, 18

ANNUAL INDEX

- Poisonous Plants: A Handbook for Doctors, Pharmacists, Toxicologists, Biologists and Veterinarians, 21
- Poisons: From Hemlock to Botox and the Killer Bean of Calabar, 61
- The Power of Plagues, 161
- Prehistoric Actual Size, 227
- Prehistoric and Egyptian Medicine, 172
- The Primate Order, 82
- The Prometheus Project--Trapped, 89
- The Protist Kingdom, 83
- The Psychology of Science and the Origins of the Scientific Mind, 156
- Puberty Boy, 220
- Pulleys and Gears, 231
- Pump It Up: Respiration and Circulation, 270
- The Race for Space: The United States and the Soviet Union Compete for the New Frontier, 264
- Race, Racism, and Science: Social Impact and Interaction, 106
- Radioactive Elements, 121
- Ramps and Wedges, 231
- Rattlesnakes, 266
- Real Infinite Series, 157
- Reality Check: What Your Minds Knows, but Isn't Telling You, 17
- Red Knot: A Shorebird's Incredible Journey, 230
- Renaissance Medicine, 172
- Reproduction and Growth, 87
- The Reptile Class, 83
- Reptiles and Amphibians Dictionary: An A-Z of Cold-Blooded Creatures, 70
- Re-Thinking Green: Alternatives to Environmental Bureaucracy, 18
- A Rhinoceros Grows Up, 133
- Richard Dawkins: How a Scientist Changed the Way We Think, 156
- River Wild: An Activity Guide to North American Rivers, 130
- Rivers, 81
- Roadside Geology of Southern British Columbia, 20
- Rocket-Powered Science: Invent to Learn! Create, Build and Test Rocket Designs!, 175
- Rocks and Fossils: A Visual Guide, 121
- Rocke, 227
- Sally Ride, 128
- The Saltwater Wetland, 126
- Same Old Horse, 36
- The San Francisco Earthquake, 24
- Scales, 228
- Science and Technology in Colonial America, 63
- Science Education for Everyday Life: Evidence-Based Practice, 107
- Science Experiments Index for Young People, Fourth Edition, 76
- Science Fair Success Using the Internet, Revised and Updated, 64
- The Science of Sherlock Holmes, 251
- Science, Technology, and Society: The People Behind the Science, 116
- Scientific American: Everything You Need for Simple Science Fair Projects, Grades 3-5, 223
- Scientific American: More Simple Science Fair Projects, Grades 3-5, 223
- Scientific American: More Winning Science Fair Projects, Grades 5-7, 211
- Screws, 231
- Sea Turtles, 266
- Seahorses and Sea Dragons, 41
- Seamless Assessment in Science: A Guide for Elementary and Middle School Teachers, 205
- Searching for Grizzlies, 85
- Secret Lives of Common Birds: Enjoying Bird Behavior Through the Seasons, 32
- The Secret Sex Lives of Animals, 85
- Secret Weapons: Defenses of Insects, Spiders, Scorpions, and Other Many Legged Creatures, 60
- Secrets of the Savanna: Twenty-three Years in the African Wilderness Unraveling the Mysteries of Elephants and People, 219
- Seed to Seed: The Secret Life of Plants, 160
- Seeds, 39
- Seeing, 88
- Seeking the Sacred Raven: Politics and Extinction on a Hawaiian Island, 255
- Seen and Unseen: Discovering the Microbes of Yellowstone, 31
- Sensation and Perception, 112
- Sensuous Seas: Tales of a Marine Biologist, 254
- Sex, Drugs, and DNA: Science's Taboos Confronted, 157
- Shaky Ground, 37
- Shells, 228
- The Shorebird Guide, 262
- Simple Stargazing: A First-time Skywatcher's Guide, 165
- The Skeleton and Muscles, 87
- Skeleton, 87
- Skin, 228
- Skunks, 182
- Sky in a Bottle, 120
- Sky Walking: An Astronaut's Memoir, 162
- Smelling, 88
- Snails, Shellfish and Other Mollusks, 180
- Sneakers, 42
- So You Want to Be an Explorer?, 89
- Something Out of Nothing: Marie Curie and Radium, 214
- Sorting at the Ocean, 77
- Sorting Plants: What Is a Flower?, 84
- Space and Astronomy, 212
- Space Junk, 165
- Space Math, 78
- Special Animal Senses, 88
- The Spinal Cord, 71
- Sponges, Jellyfish and Other Simple Animals, 180
- Springs, 231
- Squirt! The Most Interesting Book You'll Ever Read about Blood, 173
- Starfish, Urchins and other Echinoderms, 180
- States of Matter, 120
- The STDs Update, 174
- The Stem Cell Divide: The Facts, the Fiction, and the Fear Driving the Greatest Scientific, Political, and Religious Debate of Our Time, 208
- Storm Warning: Tornadoes, 37
- The Story of Science: Newton at the Center, 18
- Strange New Species: Astonishing Discoveries of Life on Earth, 168
- Street Science: Community Knowledge and Environmental Health Justice, 57
- The Strongest Boy in the World: How Genetic Information Is Reshaping Our Lives, 170
- Subtraction at School, 77
- Success Through Failure: The Paradox of Design, 174
- Suffering for Science: Reason and Sacrifice in Modern America, 108
- The Sun, 257
- Survival of the Fattest: The Key to Human Brain Evolution, 22
- The Swamp: The Everglades, Florida, and the Politics of Paradise, 175
- Take a City Nature Walk, 228
- Tasting, 88
- Teach Science with Science Fiction Films: A Guide for Teachers and Library Media Specialists, 25
- Teaching Science in the 21st Century, 253
- Technology and World History, Volumes 1-7, 73
- The Technology Revolution: The Not-for-Dummies Guide to the Impact, Perils, and Promise of the Internet, 156
- Ten Worlds: Everything That Orbits the Sun, 224
- Terrestrial Ecoregions of Africa and Madagascar: A Conservation Assessment, 203
- Terrors of the Table: The Curious History of Nutrition, 25
- Therizinosaurus and Other Colossal-Clawed Plant-Eaters, 131
- Threads from the Web of Life: Stories in Natural History, 116
- The Three-Pound Enigma: The Human Brain and the Quest to Unlock Its Mysteries, 112
- Through a Termite City, 230
- A Tiger Grows Up, 133
- Tigerland and Other Unintended Destinations, 262
- Tigers, 42
- To Save the Wild Bison: Life on the Edge of Yellowstone, 56
- Too Fat or Too Thin? A Reference Guide to Eating Disorders, 128
- Touch It! Materials, Matter and You, 79
- Touching, 88
- A Tour of the Flowering Plants, 217
- Tre Frog, Mud Puppies, and Other Amphibians, 32
- The Triumph of Numbers: How Counting Shaped Modern Life, 257
- The Tuberculosis Update, 174
- Two in the Wilderness, 64
- Uncovering Student Ideas in Science: 25 Formative Assessment Probes, Volume 1, 108
- Under Ground: How Creatures of Mud and Dirt Shape Our World, 31
- Understanding Herpes: A Concise Overview of Recent Advances and New Resources, 207

ANNUAL INDEX

Underwater to Get Out of that Rain: A Love Affair with the Sea, 168
Universe, 27
Using Electricity: Switch It On, 79
Using Numbers, Book 1, 77
Using Numbers, Book 2, 77
Variation and Classification, 124
Venomous Snakes of the World, 69
Venturing the Deep Sea, 29
The View from the Center of the Universe, 158
Violent Skies: Hurricanes, 37
Virus and the Whale: Exploring Evolution in Creatures Small and Large, 167
Volcanoes: Inside and Out, 38
Voyage of the Turtle: In Pursuit of the Earth's Last Dinosaur, 206
A Walk Around the Pond: Insects in and over the Water, 220
Walker's Marsupials of the World, 111
Walking Zero: Discovering Cosmic Space and Time along the Prime Meridian, 109
The War in Your Backyard: Life in an Ecosystem, 82
The War of the Soaps and the Sparks: The Discovery of Neurotransmitters and the Dispute over How Nerves Communicate, 23
Water Beds: Sleeping in the Ocean, 181
Waves: Energy on the Move, 28
Weather and Climate: The People Behind the Science, 122
Weathering and Erosion, 122
Wellsprings: A Natural History of Bottled Spring Waters, 114
Wetlands, 81
What Is a Plant?, 39
What Stinks?, 171
Wheels and Cranks, 231
When a Gene Makes You Smell Like a Fish and Other Tales about the Genes in Your Body, 167
Where Do Plants Grow?, 39
White-Out: Blizzards, 37
Who Likes the Wind?, 178
Why Do Plants Have Flowers?, 39
Why Do We Need to be Active?, 88
Why Do We Need to Drink Water?, 88
Why Do We Need to Eat?, 89
Why Does a Ball Bounce? 101 Questions You Never Thought of Asking, 63
Why Does It Rain?, 38
Windows on Nature: The Great Habitat Dioramas of the American Museum of Natural History, 169
The Winds of Change: Climate, Weather, and the Destruction of Civilizations, 159
Windswept: The Story of Wind and Weather, 110
Wings of Light: The Migration of the Yellow Butterfly, 230
Wolf: Legend, Enemy, Icon, 69
The Wonder in Water, 80
Wonders of the Land: Merging Earth Myth with Earth Science, 178
The World Around Us: A Space Voyage, 224
World as Laboratory: Experiments with Mice, Mazes, and Men, 55

The World Book Student Discovery Science Encyclopedia, 76
World's Worst Germs: Microorganisms and Disease, 134
The Worst of Evils: The Fight Against Pain, 263
Yellow Fever: A Deadly Disease Poised to Kill Again, 173
Yellowstone to Yukon: Freedom to Roam—A Photographic Journey, 208
You Can, Toucan, Math: Word Problem Solving Fun, 265
You Can't See a Dodo at the Zoo, 84
You Can't Take Your Body to a Repair Shop, 134
You Can't Use Your Brain if You're a Jellyfish, 84
A Zebra's World, 179
Zebras, 40
Zinc, 120

FILMS

America's Lost Landscape: The Tallgrass Prairie, 274
Arthropods, 233
The Biology Classics: Paramecium, Hydra, Planaria, and Daphnia, 274
Black Holes, Pulsars, and Other Odd Bodies, 272
Brave New Men, 137
Bundle of Blues, 184
Can Condoms Kill?, 136
Cauldron Earth, 234
Chemistry and Life, 232
Christine and Paul: A Journey with Alzheimer's Disease, 186
City of Bees: A Children's Guide to Bees, 275
Classifying Animals, 185
Classifying Life, 185
Classifying Monerans and Protists, 185
Classifying Plants and Fungi, 185
Clockwork Genes: Discoveries in Biological Time, 137
Critical Condition: America's Obesity Crisis, 43
Descent to Titan, 185
The Domains of Life: Life's Three Great Branches, 274
Earth's Changing Surface, 90
Ecology Fundamentals, 271
Extinction and Rebirth, 184
Fossils, 90
The Franklin Institute: Wonderland of Science, 136
The Future of Chemistry, 232
Geocycles, 273
Geology and North America, 90
Healthy Brains, 138
In One Yard: Views Through a Microscope, 137
In the Company of Wild Butterflies, 186
Introduction to the Metric System, 271
The Invisible Universe, 232
Is Anybody Out There?, 232
A Journey Through Geologic Time, 90
Just How Big Is Space?, 272
Land Grab: Life Moves Ashore, 233

Learning From Patients: The Science of Medicine, 138
A Life among Whales, 275
The Life and Times of El Nino, 136
Life Running Out of Control: Designer Babies and Gene Robbery, 137
Life Running Out of Control: Gene Food and Designer Babies, 139
Living in Space, 232
Magic Materials, 234
Medicine and Molecules, 234
Metric Conversions, 271
Metric Length and Temperature, 271
Metric Mass and Volume, 271
New Frontiers, 184
Nutrition, 275
The Planets, 272
Plate Tectonics, 273
Power Play: Choking in the Fast Lane, 184
Rocks and Minerals, 273
Scanning Life's Matrix: Genes, Proteins, and Small Molecules, 185
Science of Fat, 187
Scream: The History of Anesthetics, 139
Seas of Life, 234
The Secret World of Bats, 186
Snowball Earth, 184
The Sun and Stars, 272
Survival of the Fittest, 184
The Violent Earth, 184
Yesterday the Moon, Tomorrow Mars?, 232
The Zookeeper's Job and Feeding Animals, 90

SOFTWARE

Eight Themes of Biology, 235
Physics for Scientists and Engineers, 43
The Virtual Lab Series, 188
Virtual Physics Labs, 43

Web Sites
4-H Virtual Farm, 189
Asthma for Kids, 44
BioTech: Life Sciences Resources and Reference Tools, 140
Birds of Prey, 189
Cancer Quest, 235
Center for the History of Physics, 189
Changing the Face of Medicine, 92
ComPADRE, 276
Cosmic Evolution: From the Big Bang to Humankind, 44
Discover Magazine, 140
Exploratorium: Extremophiles in Kamchatka, 276
Genetics Home Reference, 92
How Things Work, 92
Human Evolution: The Fossil Evidence in 3D, 44
Introduction to Cardiac Imaging, 236
Learning Technologies, 92
MadSci Network, 276
Microbe World, 140
The Particle Adventure, 236
Science is Fun, 140
The Unofficial Stephen Jay Gould Archive, 276
Wildlife Finder: Mapping the Worlds Species, 236

INDEX

AUTHORS

Adler, David A, 265
Anderson, Rodney P, 255
Borda, Cynthia, 263
Bowers, Vivien, 257
Brown, Stephen (Ed.), 261
Bryant, Margaret A, 252
Carlowicz, Michael, 257
Clements, Andrew, 265
Cohen, I.B, 257
Crelinsten, Jeffrey, 258
Crossley, Richard, 262
Darling, David, 258
Dinerstein, Eric, 262
Doherty, Peter, 255
Dormandy, Thomas, 263
Douglas, Rowena, (Ed.), 252
Friederici, Peter, 250
Gosnell, Mariana, 260
Grant, John, 266
Hammond, Richard, 258
Hansen, Thor, 254
Harrison, David L, 260
Hill, Steele, 257
Hirshfeld, Alan, 259
Johnson, Bruce E, 250
Kandel, Eric R, 256
Kaplan, Eugene H, 254
Karlson, Kevin, 262
Keiper, Marjorie, 252
Kuhn, Betsy, 264
Leedy, Loreen, 266
Lockwood, Sophie, 266
McKnight, Diane, 267
O'Brien, Michael, 262
Parker, Steve, 269 270
Perlo, Ber Van, 262
Petit, Anne, 252
Rathmell, Donna and Doreen, 268
Rhoton, Jack, (Ed.), 253
Roberts, Siobhan, 253
Rodriguez, Ana Maria, 263
Schorer, Lonnie Jones, 264
Schuerger, Andrew, 266
Shane, Patricia, (Ed.), 253

Slesnick, Irwin, 254
Souza, D.M, 267
Spilsbury, Louise and Richard, 268
Stephens, Nicholas, 261
Sweet, William, 250
Telford, Carole, 265
Theodorou, Rod, 265
Ufer, David A, 270
Wagner, E.J, 251
Walker, Jearl, 260
Walser, Hans, 253
Walters, Mark Jerome, 255
Wexler, Bruce E, 256

BOOKS

99 Points of Intersection: Examples, Pictures, and Proofs, 253
Adventures in Paleontology: 36 Classroom Fossil Activities, 254
Alzheimer's Disease and Memory Drugs, 263
Arctic Wings: Birds of the Arctic National Wildlife Refuge, 261
Asian Elephant, 268
The Beginner's Guide to Winning the Nobel Prize: A Life in Science, 255
Bengal Tiger, 268
Birds of Mexico and Central America, 262
Black Rhino, 268
Brain and Culture: Neurobiology, Ideology, and Social Change, 256
Break It Down: The Digestive System, 269
Can You Feel the Force?, 258
Chameleons, 266
Cobras, 266
Control Freak: Hormones, the Brain, and the Nervous System, 269
Crime Scene: How Investigators Use Science to Track Down the Bad Guys, 257
Crocodiles, 266
Defend Yourself: The Immune System, 269
Desert Tortoises, 266
Down a River, 265
Edward Jenner: Conqueror of Smallpox, 263
Einstein's Jury: The Race to Test Relativity, 258
The Electric Life of Michael Faraday, 259
Florida Manatee, 268
The Flying Circus of Physics, 2nd Edition, 260
Giant Panda, 268
Gila Monsters, 266
The Giraffe Who Was Afraid of Heights, 270
Glaciers: Nature's Icy Caps, 260
Global Warming in the 21st Century, Volume 1: Our Evolving Climate Crisis, 250
Gravity's Arc: The Story of Gravity, from Aristotle to Einstein and Beyond, 258
Ice: The Nature, History, and the Uses of an Astonishing Substance, 260
Iguanas, 266
In Search of Memory: The Emergence of a New Science of Mind, 256
In Your Genes: Genetics and Reproduction, 269
Kicking the Carbon Habit, 250
Kids to Space: A Space Traveler's Guide, 264
King of Infinite Space: Donald Coxeter, the Man Who Saved Geometry, 253
Learning about Spring with Children's Literature, 252
Learning about Winter with Children's Literature, 252

INDEX

Life-Size Dragons, 266
Linking Science and Literacy in the K-8 Classroom, 252
Look What Whiskers Can Do, 267
The Lost Seal, 267
Messages from Mars, 266
A Million Dots, 265
Mountain Gorilla, 268
Move Your Body: Bones and Muscles, 269
Nature's Restoration: People and Places on the Front Lines of Conservation, 250
Octavia and Her Purple Ink Cloud, 268
Outbreak: Cases in Real-World Microbiology, 255
Plant Cells and Tissues, 261
Pump It Up: Respiration and Circulation, 270
The Race for Space: The United States and the Soviet Union Compete for the New Frontier, 264
Rattlesnakes, 266
The Science of Sherlock Holmes, 251
Sea Turtles, 266

Seeking the Sacred Raven: Politics and Extinction on a Hawaiian Island, 255
Sensuous Seas: Tales of a Marine Biologist, 254
The Shorebird Guide, 262
The Sun, 257
Teaching Science in the 21st Century, 253
Tigerland and Other Unintended Destinations, 262
The Triumph of Numbers: How Counting Shaped Modern Life, 257
The Worst of Evils: The Fight Against Pain, 263
You Can, Toucan, Math: Word Problem Solving Fun, 265

City of Bees: A Children's Guide to Bees, 275
The Domains of Life: Life's Three Great Branches, 274
Ecology Fundamentals, 271
Geocycles, 273
Introduction to the Metric System, 271
Just How Big Is Space?, 272
A Life among Whales, 275
Metric Conversions, 271
Metric Length and Temperature, 271
Metric Mass and Volume, 271
Nutrition, 275
The Planets, 272
Plate Tectonics, 273
Rocks and Minerals, 273
The Sun and Stars, 272

FILMS

America's Lost Landscape: The Tallgrass Prairie, 274
The Biology Classics: Paramecium, Hydra, Planaria, and Daphnia, 274
Black Holes, Pulsars, and Other Odd Bodies, 272

WEB SITES

ComPADRE, 276
Exploratorium: Extremophiles in Kamchatka, 276
MadSci Network, 276
The Unofficial Stephen Jay Gould Archive, 276

EDITOR'S CHOICE

BOOKS

- 99 Points of Intersection: Examples, Pictures, and Proofs. by Walser, Hans. [GA] See review p. 253
- Arctic Wings: Birds of the Arctic National Wildlife Refuge. by Brown, Stephen (Ed.), with a foreword by Jimmy Carter and an introduction by David Allen Sibley. [YA, C, T, GA] See review p. 261
- Asian Elephant. by Spilsbury, Louise and Richard. [K-EA] See review p. 268
- Bengal Tiger. by Spilsbury, Louise and Richard. [K-EA] See review p. 268
- Birds of Mexico and Central America. by Perlo, Ber Van. [YA, GA] See review p. 262
- Black Rhino. by Spilsbury, Louise and Richard. [K-EA] See review p. 268
- Brain and Culture: Neurobiology, Ideology, and Social Change. by Wexler, Bruce E. [C, T, GA] See review p. 256
- Break It Down: The Digestive System. by Parker, Steve. [EI-JH] See review p. 269
- Can You Feel the Force? by Hammond, Richard. [EA, JH] See review p. 258
- Control Freak: Hormones, the Brain, and the Nervous System. by Parker, Steve. [EI-JH] See review p. 269
- Defend Yourself: The Immune System. by Parker, Steve. [EI-JH] See review p. 269
- Edward Jenner: Conqueror of Smallpox. by Rodriguez, Ana Maria. [EA-YA] See review p. 263
- Einstein's Jury: The Race to Test Relativity. by Crelinsten, Jeffrey. [YA, C, T, GA] See review p. 258
- The Electric Life of Michael Faraday. by Hirshfeld, Alan. [YA, T, GA] See review p. 259
- Florida Manatee. by Spilsbury, Louise and Richard. [K-EA] See review p. 268

- The Flying Circus of Physics, 2nd Edition. by Walker, Jearl. [YA, GA] See review p. 260
- Giant Panda. by Spilsbury, Louise and Richard. [K-EA] See review p. 268
- The Giraffe Who Was Afraid of Heights. by Ufer, David A. [K, EP] See review p. 270
- Glaciers: Nature's Icy Caps. by Harrison, David L. [EA, JH] See review p. 260
- Gravity's Arc: The Story of Gravity, from Aristotle to Einstein and Beyond. by Darling, David. [YA, C, T, GA] See review p. 258
- Ice: The Nature, History, and the Uses of an Astonishing Substance. by Gosnell, Mariana. [YA, C, T, GA] See review p. 260
- In Search of Memory: The Emergence of a New Science of Mind. by Kandel, Eric R. [C, T, GA] See review p. 256
- In Your Genes: Genetics and Reproduction. by Parker, Steve. [EI-JH] See review p. 269
- Kicking the Carbon Habit: Global Warming and the Case for Renewable and Nuclear Energy. by Sweet, William. [C, GA] See review p. 250
- King of Infinite Space: Donald Coxeter, the Man Who Saved Geometry. by Roberts, Siobhan, with a foreword by Douglas Hofstadter. [C, T, GA] See review p. 253
- Linking Science and Literacy in the K-8 Classroom. by Douglas, Rowena, Michael P. Klentschy, and Karen Worth (Eds.), with Wendy Binder. [T, GA] See review p. 252
- Look What Whiskers Can Do. by Souza, D.M. [EP, EI] See review p. 267
- The Lost Seal. by McKnight, Diane. [EI-JH] See review p. 267
- Messages from Mars. by Leedy, Loreen, and Andrew Schuerger. [EI-JH] See review p. 266
- Mountain Gorilla. by Spilsbury, Louise and Richard. [K-EA] See review p. 268
- Move Your Body: Bones and Muscles. by Parker, Steve. [EI-JH] See review p. 269
- Pump It Up: Respiration and Circulation. by Parker, Steve. [EI-JH] See review p. 270
- The Science of Sherlock Holmes: From Baskerville Hall to the Valley of Fear, the Real Forensics Behind the Great Detective's Greatest Cases. by Wagner, E.J. [GA] See review p. 251
- Seeking the Sacred Raven: Politics and Extinction on a Hawaiian Island. by Walters, Mark Jerome. [C, GA] See review p. 255
- The Shorebird Guide. by O'Brien, Michael, Richard Crossley, and Kevin Karlson. [JH-C, T, GA] See review p. 262
- The Sun. by Hill, Steele, and Michael Carlowicz. [JH-C, T, GA] See review p. 257
- The Triumph of Numbers: How Counting Shaped Modern Life. by Cohen, I.B. [YA, C, T] See review p. 257
- The Worst of Evils: The Fight Against Pain. by Dormandy, Thomas. [YA, C, T, GA] See review p. 263

FILMS

- The Biology Classics: Paramecium, Hydra, Planaria, and Daphnia. by [EI-C, T, GA] See review p. 274
- The Domains of Life: Life's Three Great Branches. by [YA, C, T] See review p. 274
- Introduction to the Metric System. by [EA, JH] See review p. 271
- Metric Conversions. by [EA, JH] See review p. 271
- Metric Length and Temperature. by [EA, JH] See review p. 271
- Metric Mass and Volume. by [EA, JH] See review p. 271

